

18199CB



#3

## SEQUENCE LISTING

<110> Bayne, Marvin L.  
Conn, Gregory L.  
Thomas, Jr., Kenneth A.

<120> VASCULAR ENDOTHELIAL CELL GROWTH FACTOR  
II

<130> 18199CB

<140> US 10/071,370  
<141> 2002-02-08

<150> 09/326,879  
<151> 1999-06-07

<150> 09/038,199  
<151> 1998-03-10

<150> 08/299,185  
<151> 1994-08-31

<150> 08/000,834  
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ctg tac ctc cac cat gcc aag tgg tcc cag gct gca ccc acg aca gaa	97
Leu Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Thr Thr Glu	
20                      25                      30	

ggg gag cag aaa gcc cat gaa gtg gtg aag ttc atg gac gtc tac cag	145
Gly Glu Gln Lys Ala His Glu Val Val Lys Phe Met Asp Val Tyr Gln	
35                      40                      45	

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cgc agc tat tgc cgt ccg att gag acc ctg gtg gac atc ttc cag gag Arg Ser Tyr Cys Arg Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu 50 55 60	193
tac ccc gat gag ata gag tat atc ttc aag ccg tcc tgt gtg ccc cta Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu 65 70 75	241
atg cgg tgt gcg ggc tgc tgc aat gat gaa gcc ctg gag tgc gtg ccc Met Arg Cys Ala Gly Cys Cys Asn Asp Glu Ala Leu Glu Cys Val Pro 80 85 90 95	289
acg tcg gag agc aac gtc act atg cag atc atg cgg atc aaa cct cac Thr Ser Glu Ser Asn Val Thr Met Gln Ile Met Arg Ile Lys Pro His 100 105 110	337
caa agc cag cac ata gga gag atg agc ttc ctg cag cat agc aga tgt Gln Ser Gln His Ile Gly Glu Met Ser Phe Leu Gln His Ser Arg Cys 115 120 125	385
gaa tgc aga cca aag aaa gat aga aca aag cca gaa aat cac tgt gag Glu Cys Arg Pro Lys Lys Asp Arg Thr Lys Pro Glu Asn His Cys Glu 130 135 140	433
cct tgt tca gag cgg aga aag cat ttg ttt gtc caa gat ccg cag acg Pro Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr 145 150 155	481
tgt aaa tgt tcc tgc aaa aac aca gac tcg cgt tgc aag gcg agg cag Cys Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln 160 165 170 175	529
ctt gag tta aac gaa cgt act tgc aga tgt gac aag cca agg cgg tga Leu Glu Leu Asn Glu Arg Thr Cys Arg Cys Asp Lys Pro Arg Arg * 180 185 190	577
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Glu Gln Lys Ala His Glu Val Val Lys Phe Met Asp Val Tyr Gln Arg 35 40 45	
Ser Tyr Cys Arg Pro Ile Glu Thr Leu Val Asp Ile Phe Gln Glu Tyr 50 55 60	
Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro Ser Cys Val Pro Leu Met 65 70 75 80	
Arg Cys Ala Gly Cys Cys Asn Asp Glu Ala Leu Glu Cys Val Pro Thr 85 90 95	

Ser Glu Ser Asn Val Thr Met Gln Ile Met Arg Ile Lys Pro His Gln  
                   100                  105                  110  
 Ser Gln His Ile Gly Glu Met Ser Phe Leu Gln His Ser Arg Cys Glu  
                   115                  120                  125  
 Cys Arg Pro Lys Lys Asp Arg Thr Lys Pro Glu Asn His Cys Glu Pro  
                   130                  135                  140  
 Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp Pro Gln Thr Cys  
                   145                  150                  155                  160  
 Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln Leu  
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gaa atg gaa gtg gtg cct ttc aat gaa gtg tgg ggc cgc agc tac tgc Glu Met Glu Val Val Pro Phe Asn Glu Val Trp Gly Arg Ser Tyr Cys 35                  40                  45	144
cgg cca atg gag aag ctg gtg tac att gca gat gaa cac cct aat gaa Arg Pro Met Glu Lys Leu Val Tyr Ile Ala Asp Glu His Pro Asn Glu 50                  55                  60	192
gtg tct cat ata ttc agt ccg tca tgt gtc ctt ctg agt cgc tgt agt Val Ser His Ile Phe Ser Pro Ser Cys Val Leu Leu Ser Arg Cys Ser 65                  70                  75                  80	240
ggc tgc tgt ggt gac gag ggt ctg cac tgt gtg gcg cta aag aca gcc Gly Cys Cys Gly Asp Glu Gly Leu His Cys Val Ala Leu Lys Thr Ala 85                  90                  95	288
aac atc act atg cag atc tta aag att ccc ccc aat cgg gat cca cat Asn Ile Thr Met Gln Ile Leu Lys Ile Pro Pro Asn Arg Asp Pro His 100                  105                  110	336
tcc tac gtg gag atg aca ttc tct cag gat gta ctc tgc gaa tgc agg Ser Tyr Val Glu Met Thr Phe Ser Gln Asp Val Leu Cys Glu Cys Arg 115                  120                  125	384

cct att ctg gag acg aca aag gca gaa agg agg aaa acc aag ggg aag Pro Ile Leu Glu Thr Thr Lys Ala Glu Arg Arg Lys Thr Lys Gly Lys 130 135 140	432
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gaa atg gaa gtg gtg cct ttc aat gaa gtg tgg ggc cgc agc tac tgc Glu Met Glu Val Val Pro Phe Asn Glu Val Trp Gly Arg Ser Tyr Cys 35 40 45	144
cg <sup>g</sup> cca atg gag aag ctg gtg tac att gca gat gaa cac cct aat gaa Arg Pro Met Glu Lys Leu Val Tyr Ile Ala Asp Glu His Pro Asn Glu 50 55 60	192
gtg tct cat ata ttc agt ccg tca tgt gtc ctt ctg agt cgc tgt agt Val Ser His Ile Phe Ser Pro Ser Cys Val Leu Leu Ser Arg Cys Ser 65 70 75 80	240
ggc tgc tgt ggt gac gag ggt ctg cac tgt gtg gcg cta aag aca gcc Gly Cys Cys Gly Asp Glu Gly Leu His Cys Val Ala Leu Lys Thr Ala 85 90 95	288
aac atc act atg cag atc tta aag att ccc ccc aat cgg gat cca cat Asn Ile Thr Met Gln Ile Leu Lys Ile Pro Pro Asn Arg Asp Pro His 100 105 110	336
tcc tac gtg gag atg aca ttc tct cag gat gta ctc tgc gaa tgc agg Ser Tyr Val Glu Met Thr Phe Ser Gln Asp Val Leu Cys Glu Cys Arg 115 120 125	384
cct att ctg gag acg aca aag gca gaa agg taa Pro Ile Leu Glu Thr Thr Lys Ala Glu Arg *	417
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Arg Pro Met Glu Lys Leu Val Tyr Ile Ala Asp Glu His Pro Asn Glu 50 55 60	
Val Ser His Ile Phe Ser Pro Ser Cys Val Leu Leu Ser Arg Cys Ser 65 70 75 80	
Gly Cys Cys Gly Asp Glu Gly Leu His Cys Val Ala Leu Lys Thr Ala 85 90 95	
Asn Ile Thr Met Gln Ile Leu Lys Ile Pro Pro Asn Arg Asp Pro His 100 105 110	
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